

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- PRINCE WILLIAM COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1A	ADEN SILT LOAM, 0 TO 2 PERCENT SLOPES	1	ADEN	3W	0	NHEL	.15	4
2B	AIRMONT-WEVERTON COMPLEX, 2 TO 7 PERCENT SLOPES	1	AIRMONT	6S	0	PHEL	.15	4
2C	AIRMONT-WEVERTON COMPLEX, 7 TO 15 PERCENT SLOPES	1	AIRMONT	6S	0	PHEL	.15	4
2D	AIRMONT-WEVERTON COMPLEX, 15 TO 25 PERCENT SLOPES	1	AIRMONT	6S	0	HEL	.15	4
2E	AIRMONT-WEVERTON COMPLEX, 25 TO 50 PERCENT SLOPES	1	AIRMONT	7E	0	HEL	.15	4
3A	ALBANO SILT LOAM, 0 TO 4 PERCENT SLOPES	1	ALBANO	5W	0	PHEL	.37	3
4B	ARCOLA SILT LOAM, 2 TO 7 PERCENT SLOPES	1	ARCOLA	2E	1	HEL	.37	2
5C	ARCOLA-NESTORIA COMPLEX, 7 TO 15 PERCENT SLOPES	1	ARCOLA	3E	0	HEL	.37	2
5D	ARCOLA-NESTORIA COMPLEX, 15 TO 25 PERCENT SLOPES	1	ARCOLA	4E	0	HEL	.37	2
6A	BAILE LOAM, 0 TO 4 PERCENT SLOPES	1	BAILE	5W	0	PHEL	.43	3
7A	BERMUDIAN SILT LOAM, 0 TO 2 PERCENT SLOPES	1	BERMUDIAN	1	1	NHEL	.37	4
8C	BRADDOCK LOAM, 7 TO 15 PERCENT SLOPES	1	BRADDOCK	3E	0	HEL	.24	4
9B	BRENTSVILLE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	BRENTSVILLE	2E	0	PHEL	.28	2
9C	BRENTSVILLE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	BRENTSVILLE	3E	0	HEL	.28	2
10B	BUCKHALL LOAM, 2 TO 7 PERCENT SLOPE	1	BUCKHALL	2E	1	PHEL	.32	4
10C	BUCKHALL LOAM, 7 TO 15 PERCENT SLOPES	1	BUCKHALL	3E	0	HEL	.28	4
11B	CALVERTON SILT LOAM, 0 TO 7 PERCENT SLOPES	1	CALVERTON	3W	0	PHEL	.43	3
12D	CATLETT GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	CATLETT	6E	0	HEL	.32	2
13B	CATLETT-SYCOLINE COMPLEX, 2 TO 7 PERCENT SLOPES	1	CATLETT	3E	0	PHEL	.28	2
13C	CATLETT-SYCOLINE COMPLEX, 7 TO 15 PERCENT SLOPES	1	CATLETT	4E	0	HEL	.32	2
14A	CODORUS LOAM, 0 TO 2 PERCENT SLOPES	1	CODORUS	2W	0	NHEL	.49	4
15A	COMUS LOAM, 0 TO 2 PERCENT SLOPES	1	COMUS	2W	0	NHEL	.43	3
17A	DULLES SILT LOAM, 0 TO 4 PERCENT SLOPES	1	DULLES	4W	1	PHEL	.43	3
18C	DUMFRIES SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	DUMFRIES	4S	0	HEL	.28	4
18D	DUMFRIES SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	DUMFRIES	6S	0	HEL	.28	4
18E	DUMFRIES SANDY LOAM, 25 TO 50 PERCENT SLOPES	1	DUMFRIES	7E	0	HEL	.28	4
19B	ELIOAK LOAM, 2 TO 7 PERCENT SLOPES	1	ELIOAK	2E	1	PHEL	.32	4
19C	ELIOAK LOAM, 7 TO 15 PERCENT SLOPES	1	ELIOAK	3E	0	HEL	.32	4
20B	EL SINBORO SANDY LOAM	1	EL SINBORO	2E		PHEL	.37	4
21B	FAIRFAX LOAM, 2 TO 7 PERCENT SLOPES	1	FAIRFAX	2E	1	PHEL	.43	4
21C	FAIRFAX LOAM, 7 TO 15 PERCENT SLOPES	1	FAIRFAX	3E	0	HEL	.43	4
22A	FEATHERSTONE MUCKY SILT LOAM, 0 TO 1 PERCENT SLOPES	1	FEATHERSTONE	7W	0	NHEL	.49	5
23C	GAILA SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	GAILA	3E	0	HEL	.28	5
23D	GAILA SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	GAILA	4E	0	HEL	.28	5
23E	GAILA SANDY LOAM, 25 TO 50 PERCENT SLOPES	1	GAILA	7E	0	HEL	.28	5
24B	GLENELG-BUCKHALL COMPLEX, 2 TO 7 PERCENT SLOPES	1	GLENELG	2E	1	PHEL	.32	3
24C	GLENELG-BUCKHALL COMPLEX, 7 TO 15 PERCENT SLOPES	1	GLENELG	3E	0	HEL	.32	3
24D	GLENELG-BUCKHALL COMPLEX, 15 TO 25 PERCENT SLOPES	1	GLENELG	4E	0	HEL	.32	3
25A	GLENVILLE LOAM, 0 TO 4 PERCENT SLOPES	1	GLENVILLE	2W	1	PHEL	.32	3
26A	HATBORO SILT LOAM, 0 TO 2 PERCENT SLOPES	1	HATBORO	3W	0	NHEL	.49	4
27A	HATBORO-CODORUS COMPLEX, 0 TO 2 PERCENT SLOPES	1	HATBORO	3W	0	NHEL	.49	4

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28B	HAYMARKET SILT LOAM, 2 TO 7 PERCENT SLOPES	1	HAYMARKET	2E	1	PHEL	.32	4
28C	HAYMARKET SILT LOAM, 7 TO 15 PERCENT SLOPES	1	HAYMARKET	3E	0	HEL	.32	4
29B	HOADLY LOAM, 2 TO 7 PERCENT SLOPES	1	HOADLY	3W	0	PHEL	.28	4
30B	JACKLAND SILT LOAM, 2 TO 7 PERCENT SLOPES	1	JACKLAND	2E	2	PHEL	.32	4
31B	JACKLAND-HAYMARKET COMPLEX, 2 TO 7 PERCENT SLOPES	1	JACKLAND	2E	2	PHEL	.32	4
31C	JACKLAND-HAYMARKET COMPLEX, 7 TO 15 PERCENT SLOPES	1	JACKLAND	3E	0	HEL	.32	4
32A	KELLY SILT LOAM, 0 TO 2 PERCENT SLOPES	1	KELLY	4W	0	NHEL	.37	3
33B	LEGORE-OAKHILL COMPLEX, 2 TO 7 PERCENT SLOPES	1	LEGORE	2E	1	PHEL	.20	3
33C	LEGORE-OAKHILL COMPLEX, 7 TO 15 PERCENT SLOPES	1	LEGORE	3E	0	HEL	.24	3
33D	LEGORE-OAKHILL COMPLEX, 15 TO 25 PERCENT SLOPES	1	LEGORE	4E	0	HEL	.24	3
34B	LUNT LOAM, 2 TO 7 PERCENT SLOPES	1	LUNT	2E	1	PHEL	.32	4
34C	LUNT LOAM, 7 TO 15 PERCENT SLOPES	1	LUNT	4E	0	HEL	.32	4
34D	LUNT LOAM, 15 TO 25 PERCENT SLOPES	1	LUNT	6E	0	HEL	.32	4
35B	MANASSAS SILT LOAM, 2 TO 7 PERCENT SLOPES	1	MANASSAS	2E	1	PHEL	.37	4
36D	MARR VERY FINE SANDY LOAM, 7 TO 25 PERCENT SLOPES	1	MARR	6E	0	HEL	.32	3
36E	MARR VERY FINE SANDY LOAM, 25 TO 50 PERCENT SLOPES	1	MARR	7E	0	HEL	.32	3
37A	MARUMSCO LOAM, 0 TO 4 PERCENT SLOPES	1	MARUMSCO	2W	1	NHEL	.32	5
38B	MEADOWVILLE LOAM, 0 TO 5 PERCENT SLOPES	1	MEADOWVILLE	2E	1	PHEL	.37	3
39B3	MINNIEVILLE CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	MINNIEVILLE	3E	0	PHEL	.28	5
39C3	MINNIEVILLE CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	MINNIEVILLE	4E	0	HEL	.28	5
40B	MONTALTO SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES	1	MONTALTO	2E	1	PHEL	.32	4
40C	MONTALTO SILTY CLAY LOAM, 7 TO 15 PERCENT SLOPES	1	MONTALTO	3E	0	HEL	.32	4
41B	NEABSCO LOAM, 0 TO 7 PERCENT SLOPES	1	NEABSCO	2E	0	PHEL	.32	3
41C	NEABSCO LOAM, 7 TO 15 PERCENT SLOPES	1	NEABSCO	3E	0	HEL	.32	3
42B	NEABSCO-QUANTICO COMPLEX, 2 TO 7 PERCENT SLOPES	1	NEABSCO	2E	0	PHEL	.32	3
43D	NESTORIA GRAVELLY SILT LOAM, 7 TO 25 PERCENT SLOPES	1	NESTORIA	6E	0	HEL	.28	1
43E	NESTORIA GRAVELLY SILT LOAM, 25 TO 50 PERCENT SLOPES	1	NESTORIA	7E	0	HEL	.28	1
44D	OCCOQUAN SANDY LOAM, 7 TO 25 PERCENT SLOPES	1	OCCOQUAN	6E	0	HEL	.37	3
44E	OCCOQUAN SANDY LOAM, 25 TO 50 PERCENT SLOPES	1	OCCOQUAN	7E	0	HEL	.24	3
45C	ORENDA LOAM, 7 TO 15 PERCENT SLOPES	1	ORENDA	3E	0	HEL	.37	5
46B	PANORAMA SILT LOAM, 2 TO 7 PERCENT SLOPES	1	PANORAMA	2E	1	PHEL	.37	4
46C	PANORAMA SILT LOAM, 7 TO 15 PERCENT SLOPES	1	PANORAMA	3E	0	HEL	.37	4
47B	QUANTICO SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	QUANTICO	2E	1	PHEL	.32	4
47C	QUANTICO SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	QUANTICO	3E	0	HEL	.32	4
47D	QUANTICO SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	QUANTICO	4E	0	HEL	.32	4
48A	REAVILLE SILT LOAM, 0 TO 4 PERCENT SLOPES	1	REAVILLE	3W	0	PHEL	.43	2
49A	ROWLAND SILT LOAM, 0 TO 2 PERCENT SLOPES	1	ROWLAND	2W	0	NHEL	.43	4
50D	SPRIGGS SILT LOAM, 15 TO 25 PERCENT SLOPES	1	SPRIGGS	6E	0	HEL	.37	3
50E	SPRIGGS SILT LOAM, 25 TO 50 PERCENT SLOPES	1	SPRIGGS	7E	0	HEL	.37	3
51D	STUMPTOWN VERY FLAGGY LOAM, 7 TO 25 PERCENT SLOPES	1	STUMPTOWN	6S	0	HEL	.20	2
51E	STUMPTOWN VERY FLAGGY LOAM, 25 TO 50 PERCENT SLOPES	1	STUMPTOWN	7E	0	HEL	.20	2
52B	SUDLEY-OATLANDS COMPLEX, 2 TO 7 PERCENT SLOPES	1	SUDLEY	2E	1	PHEL	.37	4
52C	SUDLEY-OATLANDS COMPLEX, 7 TO 15 PERCENT SLOPES	1	SUDLEY	3E	0	HEL	.37	4
53B	SYCOLINE-KELLY COMPLEX, 2 TO 7 PERCENT SLOPES	1	SYCOLINE	2W	1	PHEL	.43	2
53B	SYCOLINE-KELLY COMPLEX, 2 TO 7 PERCENT SLOPES	2	KELLY	4W	1	PHEL	.43	2
53C	SYCOLINE-KELLY COMPLEX, 7 TO 15 PERCENT SLOPES	1	SYCOLINE	3E	0	HEL	.43	2

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55D	WATT CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	WATT	6E	0	HEL	.32	2
55E	WATT CHANNERY SILT LOAM, 25 TO 50 PERCENT SLOPES	1	WATT		0	HEL	.32	2
56A	WAXPOOL SILT LOAM, 0 TO 2 PERCENT SLOPES	1	WAXPOOL	4W	0	NHEL	.43	4

HEL Terms

NHEL – Not Highly Erodible Land
PHL – Potentially Highly Erodible Land
HEL – Highly Erodible Land

Prime Farmland Codes

- 0 - Not prime farmland.
- 1 - All areas are prime farmland.
- 2 - Prime farmland if drained.
- 3 - Prime farmland if protected from flooding or not frequently flooded during the growing season.
- 4 - Prime farmland if irrigated.
- 5 - Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season.
- 6 - Prime farmland if irrigated and drained.
- 7 - Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season.
- 8 - Prime farmland if subsoiled, completely removed the root inhibiting soil layer.